FIRST VEAR B.PHARM DEGREE MODEL EXAMINATION, JULY 2011
PHARMACEUTICS Paper-I

Time: 3 Hours   **Total Marks: 100**

- *Answer all questions*
- *Write equations wherever necessary*

Essay   **(2x10=20 marks)**

1. Describe different methods of preparation for ointments with suitable examples.
2. Explain the historical development of Indian pharmacopoeia.

Write short notes on: **(10x5=50 marks)**

3. Distinguish between liniments and lotions.
4. Define prescription and explain its parts.
5. How will you dispense mixture containing indiffusible solids. Give an example.
6. Explain the stability problems of emulsions.
7. Calculate the amount of potassium permanganate required to produce 100 ml of 1 in 200 solution and give direction for making 500 ml of 1 in 4000 solution.
8. Classify jellies. Explain their uses.
9. Explain double maceration process.
10. List the advantages and disadvantages of suppositories.
11. Classify physical incompatibility. How will you correct them.
12. Distinguish between ointments and pastes.

Answer Briefly: **(10x3=30 marks)**

13. Write the latin expansion and their English meaning of the following
    - p.a.a   - t.i.d   - s.o.s
14. Convert the following into metric system
    - gr ii   - 1 fl.oz   - 2teaspoonful
15. Calculate the dose of a drug for a child of six years. Adult dose of drug is 300mg.
16. Define emulsion. List the different types.
17. Classify dusting powders with suitable examples.
18. What is displacement value.
19. Calculate the real strength of alcohol (%v/v) of 30° O.P.
20. What are throat paints. Give one example.
21. Write a note on lozenges.
22. State the uses and dose of Liquid paraffin emulsion IP.

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